IN THE CLAIMS:

1. (currently amended) In a multifunction peripheral (MFP) device with a plurality of <u>functions</u> ~~components~~, a method for ~~adaptively~~ allocating random access memory (RAM), the method comprising:

supplying an <u>MFP user</u> interface; and,

~~in response to~~ <u>using the user</u> interface ~~prompts,~~ <u>for</u> selecting ~~the allocation of RAM for MFP functions~~ <u>a percentage of RAM allocated to an MFP function</u> ~~selected from the group consisting of a document format and an MFP component, where the component is selected from the group consisting of a fax, scanner, printer, and copier.~~

2-3. canceled

4. (currently amended) The method of claim [[1]] <u>28</u> wherein selecting the <u>percentage of RAM</u> allocation ~~of RAM~~ for the document format includes selecting the allocation of RAM for a document format selected from the group including post script (PS) documents, printer control language (PCL) documents, tagged image file format (TIFF) documents, and portable document format (PDF) documents.

5. (currently amended) The method of claim 1 wherein supplying a[[n]] <u>user</u> interface includes supplying a graphical user interface (GUI) to present RAM allocation options; and,

wherein selecting the <u>percentage of RAM</u> allocation ~~of RAM for MFP functions in response to interface prompts~~ includes allocating portions of RAM in response to GUI prompts.

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6.   (currently amended)   The method of claim 5 in which the MFP has a front panel display; and,

wherein supplying a[[n]] user interface includes supplying a GUI on the MFP front panel to present RAM allocation options.

7.   (currently amended)   The method of claim 5 in which the MFP is connected to a computer workstation with a display;

wherein supplying a[[n]] user interface includes:

receiving a request from a browser loaded on the computer workstation; and,

from an embedded web server in the MFP, supplying a GUI to the computer workstation display, presenting RAM allocation options.

8.   (currently amended)   The method of claim 5 further comprising:

establishing predetermined ranges to limit each RAM allocation; and,

wherein selecting the percentage of RAM allocation of RAM for MFP functions includes allocating portions of RAM to respective MFP functions within the range of established allocation limits.

9.   (original)   The method of claim 5 wherein supplying a GUI to present RAM allocation options includes presenting a memory configuration table cross-referencing MFP functions to their respective RAM memory allocations.

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10.   (previously presented)   The method of claim 1
further comprising:

following selecting the allocation of RAM for MFP functions,
rebooting the MFP device to distribute the RAM memory allocations to
their respective functions.

11.   (currently amended)   The method of claim 1
further comprising:

in response to <u>user</u> interface prompts, prioritizing the MFP
functions; and,

in the event of contention for RAM between MFP functions,
allocating additional RAM to the contending MFP function with the
higher priority.

12.   (currently amended)   The method of claim 1
further comprising:

following the selecting of the allocation of RAM for MFP
functions, storing the allocations as an allocation profile;
establishing a plurality of stored allocation profiles; and,
supplying a[[n]] <u>user</u> interface to select allocation profiles.

13.   (currently amended)   The method of claim 1
wherein supplying a[[n]] <u>user</u> interface includes supplying a GUI to
present predetermined allocation tables; and,

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wherein selecting the <u>percentage of RAM</u> allocation <s>of RAM</s> <s>for MFP functions in response to interface prompts</s> includes selecting the allocations from the presented allocation tables.

14. (currently amended) In a multifunction peripheral (MFP) device with a plurality of <u>functions</u> <s>components</s>, a system for <s>adaptively</s> allocating random access memory (RAM), the system comprising:

a[[n]] <u>user</u> interface <s>to provide</s> <u>for selecting a percentage of RAM allocation for an MFP function</u> <s>prompts</s>;

an allocator to allocate <u>the selected percentage of</u> RAM <s>for MFP functions selected from the group consisting of an MFP component and a document format in response to interface prompts, where the component is selected from the group consisting of a fax, scanner, printer, and copier</s>; and,

RAM allocated to the temporary storage of documents for processing by the MFP in response to MFP functions.

15-16. canceled

17. (currently amended) The system of claim [[14]] <u>29</u> wherein the <u>user</u> interface supplies prompts for selecting the <u>percentage of RAM</u> allocation <s>of RAM</s> for a document format selected from the group including post script (PS) documents, printer control language (PCL) documents, tagged image file format (TIFF) documents, and portable document format (PDF) documents.

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18.   (currently amended)   The system of claim 14 further comprising:

an MFP front panel display;

wherein the user interface is a graphical user interface (GUI) to present RAM allocation options on the display; and,

wherein the allocator allocates RAM for MFP functions in response to GUI prompts on the display.

19.   (currently amended)   The system of claim 18 further comprising:

a computer workstation including a browser and a display that are network-connected to the MFP; and,

wherein the user interface includes an embedded web server in the MFP, responsive to computer workstation browser requests, to supply a GUI on the computer workstation display presenting RAM allocation options.

20.   (original)   The system of claim 17 wherein the allocator operates within predetermined ranges to limit each RAM allocation.

21.   (currently amended)   The system of claim 17 wherein the user interface presents a memory configuration table GUI cross-referencing MFP functions to their respective RAM allocations; and,

wherein the allocator allocates RAM for MFP functions in response to the memory configuration table GUI.

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22.   (previously presented)   The system of claim 14 wherein the allocator is rebooted following the allocation of RAM for MFP functions, to distribute the RAM allocations to their respective functions.

23.   (currently amended)   The system of claim 14 wherein the user interface supplies prompts to prioritize the MFP functions; and,

wherein the allocator allocates additional RAM to a contending MFP function with the higher priority, in the event of contention for RAM between MFP functions.

24.   (currently amended)   The system of claim 14 further comprising:

a memory to store selected RAM allocations as a plurality of allocation files; and,

wherein the user interface supplies prompts to select stored allocation profiles from the memory.

25.   (currently amended)   The system of claim 14 wherein the user interface supplies a GUI of predetermined allocation tables; and,

wherein the allocator allocates RAM for MFP functions in response to allocation table interface prompts.

26.   (new) In a multifunction peripheral (MFP) device, a system for allocating random access memory (RAM), the system comprising:

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a user interface to select the percentage RAM allocated to a

document format;

an allocator for the allocation of RAM, responsive to the user

interface selections; and,

RAM allocated to the temporary storage of documents for

processing by the MFP.

27.   (new) The system of claim 26 wherein the user

interface selects the allocation of RAM for a document format selected

from the group including post script (PS) documents, printer control

language (PCL) documents, tagged image file format (TIFF) documents,

and portable document format (PDF) documents.

28.   (new) The method of claim 1 wherein using the user

interface to select the percentage of RAM allocated to the MFP function

includes selecting the percentage of RAM allocated to a function selected

from a group consisting of MFP components and document formats, and

where the components are selected from a group consisting of fax,

scanner, printer, and copier components.

29.   (new) The system of claim 14 wherein the user

interface is used to select the percentage of RAM allocated to the MFP

function selected from a group consisting of MFP components and

document formats, and where the components are selected from a group

consisting of fax, scanner, printer, and copier components.

30.   (new) In a multifunction peripheral (MFP) device with a plurality of components, a method for allocating random access memory (RAM), the method comprising:

supplying an MFP user interface; and,

using the user interface, selecting the percentage of RAM allocated to each MFP component.

31.   (new) The system of claim 30 wherein the MFP includes fax, scan, print, and copy components, and the user interface is used to select the percentage of RAM allocated to each of the fax, scan, print, and copy components within the MFP.